

WETLAND CREATION CONSTRUCTION NOTES:

- THE WETLAND CREATION SITE SHALL HAVE A 6-8" LAYER OF CLEAN WETLAND SOIL MIX CONORGANIC AND MINERAL MATERIALS OVER A 12" LAYER OF CLEAN SOIL. WELL-DECOMPOSED SOIL AMENDMENT TO ACHIEVE THESE STANDARDS. WETLAND SOILS SHALL HAVE A MINIMULON A DRY WEIGHT BASIS. "CLEAN" REFERS TO BEING WEED FREE, CONTAINING A NEGLIGIBL SUCH AS PLASTIC, AND A LACK OF CHEMICAL CONTAMINANTS THAT MIGHT POSE A HAZARD STOCKPILED TOPSOIL MAY BE USED IN WETLAND SOIL MIX IF SUITABLE. COMMERCIAL PEAT WITHOUT THE PRIOR APPROVAL OF THE WETLAND SCIENTIST SINCE ITS HARVESTING METHOWETLANDS. NSISTING OF AN EQUAL VOLUMES OF ED CLEAN LEAF COMPOST IS THE PREFERRED AUM OF 7 TO 21 PERCENT ORGANIC MATTER BLE AMOUNT OF PHYSICAL CONTAMINANTS OT OPLANTS OR ANIMALS. ONSITE AT IS NOT SUITABLE AS A SOIL AMENDMENTS HODS ARE GENERALLY DESTRUCTIVE TO
- AT WETLAND CREATION AREA, REMOVE EXISTING ASPHALT PAVEMENT AND ASSOCIATED BASE COURSE. AVOID SOIL COMPACTION HEAVY MACHINERY IN THE WETLAND CREATION AND BUFFER AREAS SINCE THIS MAY ADVERSELY AFFECT PLANTINGS AND/OR MAY RESULT IN PERCHING OF WATER. IF USE OF HEAVY MACHINERY CANNOT BE AVOIDED, LOOSEN BY DISKING OR SOME OTHER TREATMENT TO LOOSEN THE SOIL SURFACE PRIOR TO PLANTING.
- WETLAND CREATION AREAS SHALL BE GRADED IN A MANOR THAT HAS A UNDULATING TOP RANDOMLY PLACED MICRO-DEPRESSIONS (SUCH AS TIRE DEPRESSIONS) THROUGHOUT THE CREATION AREAS SHALL NOT BE GRADED SMOOTH UNLESS SPECIFIED BY THE PROJECT LANG DGRAPHY WITH NUMEROUS 2-4" DEEP WETLAND CREATION AREA. WETLAND SCAPE ARCHITECT.
- PLANT WETLAND CREATION AREA PER LP.1. ADD COARSE WOODY DEBRIS, SUCH AS LOGS, STUMPS, SMALLER BRANCHES, AND STANDING SNAGS (BUT NOT WOOD CHIPS OR WULCH MADE FROM WOOD), OVER THE CREATED WETLAND AREAS. COARSE WOODY DEBRIS SHALL BE IN VARIOUS STAGES OF DECOMPOSITION AND SALVAGED FROM NATURAL AREAS CLEARED FOR THE OTHER ELEMENTS OF THE PROJECT WHERE FEASIBLE
- A QUALIFIED WETLAND PROFESSIONAL SHALL OBSERVE THE INSTALLATION OF THE MIPLANTINGS).
- ADDITIONAL NOTES PER CONNECTICUT ECOSYSTEM, LLC REPORT DATED 7/9/21:
- TWO 4" DIAMETER PERFORATED PVC STANDPIPES SHALL BE INSTALLED IN THE MITIGAT MEASUREMENT OF GROUNDWATER LEVELS DURING THE MONITORING INSPECTIONS. AN AS-BUILT PLAN SHALL BE PREPARED FOLLOWING THE CONSTRUCTION OF THE MITI ION AREA TO ALLOW FOR THE ATION AREA.
- TWO 5x5' PLOTS SHALL BE ESTABLISHED WITHIN THE WETLAND MITIGATION AREA TO CHANGES OVER TIME. PERCENTAGE OF COVERAGE OF DOMINANT SPECIES SHALL BE EMONITORING INSPECTION. MONITOR VEGETATION PATTERNS AND STIMATED IN EACH PLOT DURING EACH
- PHOTOGRAPHS SHALL BE TAKEN AT FIXED LOCATIONS DURING EACH MONITORING INSPECTION.

 WOODY PLANTINGS THAT DIE DURING THE MONITORING PERIOD SHOULD BE REPLACED WITH THE SAME OR
 PRIOR TO ANY MOWING OF THE WETLAND CREATION AREA, THE SITE MONITOR SHALL FIELD FLAG ANY DESIF
 TO REMAIN UNCUT. FIELD FLAG ANY DESIRABLE VEGETATION SIMILAR SPECIES.
- WITHIN THE WETLAND SEEDED AREAS, THE WETLAND MONITOR SHALL DETERMINE IF INSURE PROPER VEGETATION GROWTH AND ESTABLISHMENT. IS NEEDED IN

WETLAND CREATION CONSTRUCTION SEQUENCE

- PRIOR TO START OF WETLAND MITIGATION WORK, REVIEW SCOPE OF WETLAND CREATION LOCAL REGULATORY STAFF, AND THE PROJECT PROFESSIONAL WETLAND SCIENTIST / LANDS

- BACKFILL TO GRADES SHOWN ON PLAN WITH WETLAND SOIL MIX (SEE WETLAND CREATION STOCKPILED TOPSOIL MAY BE USED IN WETLAND SOIL MIX IF SUITABLE.
- SEED WETLAND CREATION AND UPLAND AREAS AS SPECIFIED ON THE SITE PLANS PLANT WETLAND CREATION WOODY PLANT MATERIAL SPECIFIED ON THE SITE PLANS
- SITE CLEAN-UP.

- INSTALL EROSION CONTROLS PER PLAN (BY OTHERS).
 REMOVE ASPHALT PAVEMENT (AND BASE COURSE).
- REVIEW WETLAND CREATION AREA GRADES IN FIELD WITH PROFESSIONAL WETLAND SCIENTIST / LANDSCAPE ARCHITECT AND MAKE ADJUSTMENTS AS NEEDED TO ESTABLISH PROPER HYDROLOGY.

- THE NEW
- IGATE, FACULTATIVE
- AT LEAST 50% OF THE WETLAND CREATION AREA WILL BE VEGETATED WITH WETLAND TYPES SPECIES WETLAND AND FACULTATIVE AS LISTED BY THE ACOE).

WETLAND CREATION MANAGEMENT NOTES:

- MOW (WEED WHACK) MITIGATION SEEDED AREAS MONTHLY TO A 4-6" HEIGHT DURING THE FIRST GROWING TO CONTROL WEED PLANTS. TER SEEDING
- DURING THE FIRST GROWING SEASON, WATER PLANTINGS AS NEEDED UNTIL THEY BECOME ESTABLISH
- DURING THE FIRST TWO GROWING SEASONS AFTER THE INITIAL SEEDING OF THE WETLAND CREATION AREA, RESEEDING BARE AND THINLY VEGETATED AREAS WITH THE SPECIFIED SEED MIXTURE.
- ROUTINE YEARLY MAINTENANCE:
- REMOVAL OF INVASIVE NONNATIVE PLANT SPECIES CAN BE DONE BY HAND PULLING, CUTTING, OR SPOT HERBICIDE TREATMENTS. NONNATIVE INVASIVE PLANTS PULLED OR CUT SHALL BE LEFT ON THE GROUND SOIL FREE IN A SUNNY LOCATION FOR THEIR ROOTS TO DRY. TUBEROUS WEED PLANTS (SUCH AS JAPANESE KNOTWEED AND PHRAGMITES) SHALL BE LEFT SOIL FREE ON AN IMPERVIOUS BARRIER (SUCH AS BLACK PLASTIC, DRIVEWAYS AND WALKS) UNTIL DEAD SO THAT THEY DO NOT RE-SPROUT. DO NOT REMOVE PULLED OR CUT NONNATIVE INVASIVE PLANTS FROM THE SITE UNTIL DEAD.
- WETLAND CREATION WILL BE MONITORED BY THE PROJECT PROFESSIONAL WETLAND SCIENTIST TWICE A YEAR (SPRING AND FALL) FOR A THREE YEAR PERIOD POST CONSTRUCTION. IF POSSIBLE, THE LANDSCAPE MAINTENANCE COMPANY WILL ATTEND THE MONITORING VISITS. MONITORING REPORTS WHICH DESCRIBE THE WETLAND STATUES AS WELL AS RECOMMENDED ACTIONS, WILL BE SUBMITTED TO THE NORWALK INLAND WETLANDS COMMISSION FOR EACH MONITORING VISIT.

WETLAND CREATION GOALS:

- THE INTEND OF THE NEW WETLAND AREA IS TO COMPENSATE FOR THE WETLAND FUNCTIONS THAT WILL BE REDUCED BY WETLAND ROAD CROSSING. THESE PRIMARY FUNCTIONS INCLUDE SEDIMENT TRAPPING, NUTRIENT REMOVAL, AND WILDI HABITAT. RECREATION OPPORTUNITIES, SUCH AS WILDLIFE OBSERVATIONS, WILL BE A SECONDARY FUNCTION PROVIDED I WETLAND CREATION AREA FOR THE RESIDENCES OF THE ADJACENT NEW DWELLINGS.
- THREE YEARS AFTER THE CONSTRUCTION AND PLANTING OF THE WETLAND CREATION AREA, THE SUCCESS OF THE NEW WETLAND CREATION AREA WILL BE THE FOLLOWING:
- THE WETLAND CREATION AREA IS VEGETATED WITH LESS THAN $15\,\%$

CENVIRONMENTAL CE			1					REVISIONS:	
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SEAL:			THE COTTAGES AT F 40 FULLIN ROAD NORWALK, CONNECTICUT			PROJECT:	WETLAND CREATION PLAN		
LP.2	SCALE: AS SHOWN	DATE: 5.25.21	E COTTAGES AT PEPPER RIDGE JLLIN ROAD WALK, CONNECTICUT				TION PLAN		